



RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/648,139
Source: OIP/E
Date Processed by STIC: 9/3/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/648,139

DATE: 09/03/2003
TIME: 10:22:16

Input Set : A:\PHKA2.ST25.txt
Output Set: N:\CRF4\09032003\J648139.raw

3 <110> APPLICANT: Armour, Christopher
4 Castle, John
5 Garrett-Engle, Philip
6 Johnson, Jason
8 <120> TITLE OF INVENTION: ALTERNATIVELY SPLICED ISOFORMS OF HUMAN PHKA2
10 <130> FILE REFERENCE: RS0204Y
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/648,139
C--> 12 <141> CURRENT FILING DATE: 2003-08-26
12 <150> PRIOR APPLICATION NUMBER: US 60/408,058 60/408,058
13 <151> PRIOR FILING DATE: 2002-09-03
15 <150> PRIOR APPLICATION NUMBER: US 60/431,474
16 <151> PRIOR FILING DATE: 2002-12-05
18 <160> NUMBER OF SEQ ID NOS: 34
20 <170> SOFTWARE: PatentIn version 3.2

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

1616 <210> SEQ ID NO: 21
1617 <211> LENGTH: 10
1618 <212> TYPE: PRT
1619 <213> ORGANISM: Homo sapiens
1621 <400> SEQUENCE: 21
1623 Val Gly Met Ala Lys Ser Ile Leu Phe Ser
1624 1 5 10
E--> 1625 ~~VGMKSIIFS~~ delete - do not show one-letter amino acids
1646 <210> SEQ ID NO: 24
1647 <211> LENGTH: (26) 28 shown
1648 <212> TYPE: DNA
1649 <213> ORGANISM: Homo sapiens
1651 <400> SEQUENCE: 24
E--> 1652 agagtatcgc ggacattcat ccaattca
group of 8

(26) 28

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/648,139

DATE: 09/03/2003
TIME: 10:22:17

Input Set : A:\PHKA2.ST25.txt
Output Set: N:\CRF4\09032003\J648139.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1625 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1625 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:1625 M:252 E: No. of Seq. differs, <211> LENGTH:Input:10 Found:11 SEQ:21
L:1652 M:254 E: No. of Bases conflict, LENGTH:Input:26 Counted:28 SEQ:24
L:1652 M:252 E: No. of Seq. differs, <211> LENGTH:Input:26 Found:28 SEQ:24